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PUMP, COMPRESSOR PLANTS CONTINUE
SPACE-SAVING DRIVE

CAMPAIGN RESULTS IN INCREASED OUTPUT OF PUMPS -- Vechernyaya Moskva, No 94,
20 Apr 50

For a long time the Moscow Pump Plant imeni Kalinin has been unable to supply the growing demands made on it by industry, public city enterprises, and agriculture. In order to increase output of pumps, the plant has had to re-model the enterprise, change its techniques, and reorganize its production.

A review of the general over-all plan made it clear that space and equipment could be better utilized, and output of all types of pumps increased at least $1\frac{1}{2}$ times. Reconstruction began with wide use of conveyer-belt methods, improvement of technology, and mechanization of labor processes.

Formerly, parts for large, medium, and small pumps were machined in different places, but were assembled and painted in the same machine-assembly shop. Finished and unfinished machines stood together until such time as the former could be removed by cranes. Steady output could not be maintained. Now the machine assembly shop has been replaced by three separate shops. All unnecessary materials and equipment have been removed. As a result, 750 square meters of extra space have been cleared.

Machining of parts for different types of pumps was previously done on the same machine tools, which meant that they had to be readjusted continually. Now each of the three new shops carries on its entire production cycle independently. Assembly methods are mechanized and continuous.

Production has sharply increased; the production cycle is two times lower; and the assembly of machines which previously required 700 square meters is now done in a 150-square-meter area. Replanning of the old machine-assembly shop has released more than 1,400 square meters of floor space. Output of large pumps has increased three times; of medium pumps, two times.

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The same methods used in reorganizing the machine-assembly shop were used in building a new artesian pump shop. Output of these pumps increased several times, and labor consumption in the machining and assembly of parts was considerably reduced. Improvements were also made in the casting shop.

In order to increase efficient utilization of equipment, specialized machine tools and high-production attachments were used. Equipment is being modernized for conversion to high-speed cutting. Many sections are already using this method.

In all, 3,350 square meters of floor space were freed for production purposes by the various innovations made throughout the plant. It has pledged to complete its 4-month plan by 29 April. It has also determined to put out new machines, to mechanize the filling of mold frames for large-scale casting, and to assemble and put into operation other equipment in the casting shop. This will make it possible to increase still more the plant's productive capacity.

-- G. Udarov, director of Moscow Pump Plant imeni Kalinin

WILL FREE 2,000 METERS OF FLOOR SPACE -- Moskovskaya Pravda, No 40, 6 Apr 50

The Moscow Kompressor Plant has determined to complete its 4-month plan by 20 April. It has pledged to use 8 percent less metal. This can be done chiefly by decreasing surpluses and improving the metal cutting. The plant is said to be making two refrigeration compressors from salvaged metals. They will be equipped with all necessary apparatus.

The plant has pledged to improve the technology and organization of production and to increase production 15 percent per unit of equipment. It plans to free 2,000 square meters of production area in 1950.

ASSEMBLE COMPRESSORS FOR METALLURGICAL INDUSTRY -- Vechernyaya Moskva, No 94, 20 Apr 50

The Moscow Kompressor Plant is producing powerful compressors for the ferrous metallurgical industry. Three machinists have pledged to assemble four compressors by 1 May.

NEW COMPRESSOR SAVES NONFERROUS METALS -- Sovetskaya Litva, No 88, 13 Apr 50

At the suggestion of a designer of the Mekhanolit Plant, more than 20 parts for refrigeration compressors have been changed over from nonferrous metals, with a saving of more than 8 tons of nonferrous metals. By 1 May, an experimental model of a new compressor unit will be produced. The design is such as to assure a great saving in metal and power consumption.

PLANT NEGLECTS SUGGESTIONS -- Leningradskaya Pravda, No 91, 16 Apr 50

At the Pnevmatika Plant during 1948, 1949, and 3 months of this year, 1,226 suggestions were made, of which only 540 were used. Part of them were rejected, part are being carried out, and part will be carried out, according to Chief Engineer Treshkov. Neither he nor the director, Ivanov, is concerned with the fact that many suggestions have gone for years without being acted upon. Gatsko, head of the department of the chief mechanic, has acquired such a reputation for neglect that they say at the plant: "If you want to bury a suggestion, give it to Gatsko."

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